

IN THE CLAIMS:

Please amend claims 1 and 11 as follows:

1. (Currently amended) A method for detecting an overlap of scheduled recording times, the method comprising:

obtaining a first base time from a first channel and a second base time from a second channel, the first base time representing a time of day at a first broadcast station that provides a first broadcasting program on the first channel and the second base time representing a time of day at a second broadcast station that provides a second broadcasting program on the second channel;

recognizing that there exists ~~a-the~~ first broadcasting program scheduled to record on ~~a-the~~ first channel and ~~a-the~~ second broadcasting program scheduled to record on ~~a-the~~ second channel;

correcting a scheduled recording time of at least the first broadcasting program or the second broadcasting program according to time correction data corresponding to a ~~time~~ difference between ~~a-the~~ first base time ~~provided by the first channel~~ and ~~a-the~~ second base time ~~provided by the second channel~~;

detecting if the scheduled recording times of the first broadcasting program and the second broadcasting program overlap; and

reporting information on the overlap.

2. (Previously presented) The method according to claim 1, further comprising calculating the time correction data upon power up.

3. (Previously presented) The method according to claim 2, wherein calculating the time correction data comprises:

setting, as a reference time, a base time provided from a reference channel tuned first upon power up;

obtaining base times provided from channels other than the reference channel;  
and

calculating the time correction data using the reference time and the base times.

4. (Previously presented) The method according to claim 3, wherein calculating the time correction data further comprises:

mapping the calculated time correction data to corresponding channels in one-to-one mapping and storing the mapped time correction data.

5. (Original) The method according to claim 3, wherein the reference channel is set in default by a user.

6. (Previously presented) The method according to claim 3, wherein calculating the time correction data further comprises:

storing the set reference time and the base times.

7. (Previously presented) The method according to claim 3, wherein the calculated time correction data comprises time differences between the reference time and the base times.

8. (Previously presented) The method according to claim 1, wherein the scheduled recording times comprise a record start time and a record end time.

9. (Previously presented) The method according to claim 1, wherein correcting the scheduled recording time comprises:

reading the time correction data corresponding to the first channel and the second channel; and

adding the read time correction data to the scheduled recording times of the at least first broadcasting program or second broadcasting program.

10. (Original) The method according to claim 1, wherein the information on the overlap is reported in the form of message or voice.

11. (Currently amended) A method for detecting an overlap of scheduled recording times, the method comprising:

calculating time correction data for channels upon power up using base times ~~provided by~~obtained from the channels;

correcting a scheduled recording time of at least one broadcasting program scheduled to record according to the time correction data corresponding to time differences between the base times ~~provided by~~obtained from the channels;

detecting if the corrected scheduled recording times of at least two broadcasting programs overlap; and

reporting information on the overlap,

wherein the base times obtained from the channels represent a time of day at a first broadcast station that provides a first of the at least two broadcasting programs and a time of day at a second broadcast station that provides a second of the at least two broadcasting programs.

12. (Previously presented) The method according to claim 11, wherein calculating the time correction data comprises:

setting, as a reference time, a base time provided from a reference channel tuned first upon power up;

obtaining base times provided from channels other than the reference channel;  
and

calculating the time correction data using the reference time and the base times.

13. (Original) The method according to claim 12, wherein the reference channel is set in default by a user.

14. (Previously presented) The method according to claim 12, wherein the time correction data comprises time differences between the reference time and the base times.

15. (Previously presented) The method according to claim 11, wherein correcting the scheduled recording time comprises:

- reading the time correction data of the channels corresponding to the at least one broadcasting program scheduled to record; and
- adding the read time correction data to the scheduled recording times of the at least one broadcasting program scheduled to record.